# 1 Test Results for Mobile Device Acquisition Tool – Oxygen Analyst v7.0.0.408

The main item of interest for interpreting the test results is determining the conformance of the tool under test. Conformance with each assertion tested by a given test case is evaluated by examining the **Log Highlights** box of the test report.

## 1.1 Test Results Report Key

The following table presents an explanation of each section of the test details in section 1.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights sections for each test case are populated by excerpts taken from the log files produced by the tool under test.

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case	Test case summary from Mobile Device Tool Test Assertions and Test
Summary:	Plan (Draft 1 Version 1.0, July 8, 2014).
Assertions:	The test assertions applicable to the test case, selected from <i>Mobile</i>
	Device Tool Test Assertions and Test Plan (Draft 1 Version 1.0, July 8,
	2014).
Tester	Name or initials of person executing test procedure.
Name:	
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device, SIM.
Source	Acquisition interface.
Setup:	
Log	Information extracted from various log files to illustrate conformance or
Highlights:	non-conformance to the test assertions.

**Table 1: Test Results Report Key** 

# 16 1.2 Test Results

17 The test results are presented in this section.

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# 19 **1.2.1 MDT-01 – iPhone5 GSM**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	ssertions: MDT-CA-01 If a mobile device forensic tool provides support for		
connectivity of the target device then the tool shall successfully		cessfully	
	recognize the target device via all vendor supported inte	rfaces (e.g.,	
	cable, Bluetooth, IrDA).		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Tue Feb 3 06:49:23 EST 2015		
Device:	iPhone5_GSM		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Tue Feb 3 06:49:23 EST 2015		
	Acquisition finished: Tue Feb 3 06:57:39 EST 2015		
	Device connectivity was established via supported interfa	ce	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

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# 21 **1.2.2 MDT-02 – iPhone5 GSM**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that	
	connectivity has been disrupted.	user that
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:49:45 EST 2015	
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:49:45 EST 2015	
	Acquisition finished: Tue Feb 3 06:57:46 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

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# **1.2.3 MDT-03 – iPhone5 GSM**

Test Case MDT	2-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 06:50:22 EST 2015	
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:50:22 EST 2015	
	Acquisition finished: Tue Feb 3 06:57:52 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

# **1.2.4 MDT-04 – iPhone5 GSM**

Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	target device without error then subscriber and equipment related	
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:50:44 EST 2015	
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:50:44 EST 2015	
	Acquisition finished: Tue Feb 3 06:58:00 EST 2015	
	Subscriber and Equipment related data (i.e., MSISDN, IMEI) we	ere acquired
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

### 29 1.2.5 MDT-05 - iPhone5 GSM

Test Case MDT	-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit target device without error then all supported data elements presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:51:06 EST 2015	
Device:	iPhone5_GSM	·
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:51:06 EST 2015	
	Acquisition finished: Tue Feb 3 06:58:06 EST 2015  All address book entries were successfully acquired  ALL PIM related data was acquired  All Call Logs (incoming, outgoing, missed) were acquired  All Call Log date/time stamps data were correctly reported  ALL text messages (SMS, EMS) were acquired  Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Social media related data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Analysis:	Expected results achieved	

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### 1.2.6 MDT-06 - iPhone5 GSM 31

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Case Summary:	MDT-06 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.  MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.  MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.  MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Feb 3 06:51:26 EST 2015

Test Case MDT-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:51:26 EST 2015 Acquisition finished: Tue Feb 3 06:58:13 EST 2015 Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

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# 33 **1.2.7 MDT-12 – iPhone5 GSM**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	3
Case	MDT-12 After a successful mobile device internal memor	y, alter the case
Summary:	file via third-party means and attempt to re-open the	case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified v.	
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:51:53 EST 2015	
Device:	iPhone_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:51:53 EST 2015	
	Acquisition finished: Tue Feb 3 06:58:23 EST 2015	
	Notification of modified device memory data was success	sful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

#### 36 1.2.8 MDT-19 - iPhone5 GSM

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports dis characters then acquired data containing non-ASCII charac presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:52:16 EST 2015	
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:52:16 EST 2015 Acquisition finished: Tue Feb 3 06:58:31 EST 2015 Non-ASCII Address book entries were acquired and properly Non-ASCII text messages were acquired and properly displa	
Results:	Assertion & Expected Result	Actual Result
	MDT-A0-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

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### 1.2.9 MDT-22 - iPhone5 GSM 38

Case	MDT-22 Acquire mobile device internal memory and review has	h values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashi individual data objects then the tool shall present the use value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:52:45 EST 2015	
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:52:45 EST 2015	
	Acquisition finished: Tue Feb 3 06:58:38 EST 2015	
	Hash values were properly reported for individually acquired elements	d device data
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	
Analysis:	Expected results achieved	

# 41 **1.2.10 MDT-24 – iPhone5 GSM**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:53:14 EST 2015	
Device:	iPhone5_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:53:14 EST 2015 Acquisition finished: Tue Feb 3 06:58:44 EST 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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# 43 **1.2.11 MDT-01 – iPhone5s CDMA**

	2-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interface	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppo	
	connectivity of the target device then the tool shall such	
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:33:43 EST 2015	
Device:	iPhone5S_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:33:43 EST 2015	
	Acquisition finished: Tue Feb 3 07:38:37 EST 2015	
	Device Connectivity was not established via supported into	erface
	Notes:	
	When attempting an advanced logical method acquisition - not successful.	the acquisition is
	The acquistion ran for 16 hours and never passed acquiring	g
	c:\FileRelay\MobileAsset.cpio.gz	
	The classical logical method had to be used for acquisition	on of data.
Results:		1
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	Partial
	inst on the severe commercially the supported interfaces.	Turciur

Test Case MDT	9-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Analysis:	Partial results achieved

# **1.2.12 MDT-02 – iPhone5s CDMA**

Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:34:04 EST 2015	
Device:	iPhone5s_CDMA	
Source Setup:	OS: Mac OS X v10.8.5 Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:34:04 EST 2015 Acquisition finished: Tue Feb 3 07:38:43 EST 2015 Device acquisition disruption notification was successful	
Results:	Assertion & Expected Result MDT-CA-02 Notification of device acquisition disruption.	Actual Result as expected
Analysis:	Expected results achieved	

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# **1.2.13 MDT-03 – iPhone5s CDMA**

Test Case MDT	2-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:34:27 EST 2015	
Device:	iPhone5s_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:34:27 EST 2015	
	Acquisition finished: Tue Feb 3 07:38:49 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

# 49 **1.2.14 MDT-04 – iPhone5s CDMA**

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-04 Acquire mobile device internal memory and review reported subscribe and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:34:53 EST 2015	
Device:	iPhone5s_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:34:53 EST 2015 Acquisition finished: Tue Feb 3 07:38:55 EST 2015 IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

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# 51 **1.2.15 MDT-05 – iPhone5s CDMA**

Test Case MDT	I-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets,
	presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Tue Feb 3 07:35:17 EST 2015
Device:	iPhone5s_CDMA
Source	OS: Mac OS X v10.8.5
Setup:	Interface: cable
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408
Highlights:	Acquisition started: Tue Feb 3 07:35:17 EST 2015
	Acquisition finished: Tue Feb 3 07:39:03 EST 2015
	All address book entries were successfully acquired ALL PIM related data was acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	All Call Log date/time stamps data were correctly reported
	ALL text messages (SMS, EMS) were acquired
	Correct date/time stamps were reported for all text messages
	Correct status flags were reported for all text messages
	Sender and Recipient phone numbers associated with text messages were correctly reported
	ALL MMS messages (Audio, Image, Video) were acquired
	ALL stand-alone data files (Audio, Image, Video) were acquired
	All application data was acquired
	All Internet related data was acquired
	All Social media related data was acquired

Test Case MDT-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Results:	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	as expected
Analysis:	Expected results achieved	

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# 1.2.16 MDT-06 – iPhone5s CDMA

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.  MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.  MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.  MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:35:37 EST 2015	
Device:	iPhone5s CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:35:37 EST 2015	
	Acquisition finished: Tue Feb 3 07:39:08 EST 2015	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

# 56 **1.2.17 MDT-12 – iPhone5s CDMA**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	1
Case	MDT-12 After a successful mobile device internal memor	y, alter the case
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via	
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:35:56 EST 2015	
Device:	iPhone5s CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:35:56 EST 2015	
	Acquisition finished: Tue Feb 3 07:39:15 EST 2015	
	Notification of modified device memory data was not su	ccessful
	Notes:	
	No warning message was provided when re-opening a modi file.	fied oxygen backup
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	Not as expected
Analysis:	Expected results Not achieved	

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# 1.2.18 MDT-19 – iPhone5s CDMA

	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:36:24 EST 2015	
Device:	iPhone5s_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:36:24 EST 2015	
	Acquisition finished: Tue Feb 3 07:39:26 EST 2015	
	Non-ACCIT Address hook ontains some consisted and necessarily dis-	
	Non-ASCII Address book entries were acquired and properly dis	prayed
	Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	_

# 61 **1.2.19 MDT-22 – iPhone5s CDMA**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:36:49 EST 2015	
Device:	iPhone5s_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:36:49 EST 2015 Acquisition finished: Tue Feb 3 07:39:34 EST 2015  Hash values were properly reported for individually acquired device data elements	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

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# 63 1.2.20 MDT-24 – iPhone5s CDMA

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data longitude and latitude coordinates	containing GPS
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:37:11 EST 2015	
Device:	iPhone5s_CDMA	
Source Setup:	OS: Mac OS X v10.8.5 Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:37:11 EST 2015 Acquisition finished: Tue Feb 3 07:39:42 EST 2015 GPS Coordinate data was successfully acquired	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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# 66 1.2.21 MDT-01 – iPad GSM

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:   MDT-CA-01 If a mobile device forensic tool provides support for			
	connectivity of the target device then the tool shall successfully		
	recognize the target device via all vendor supported inte	rfaces (e.g.,	
	cable, Bluetooth, IrDA).		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Tue Feb 3 07:29:38 EST 2015		
Device:	iPad_GSM		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Tue Feb 3 07:29:38 EST 2015		
	Acquisition finished: Tue Feb 3 07:37:22 EST 2015		
	Device connectivity was established via supported interfa	ce	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
		<u> </u>	
Analysis:	Expected results achieved		

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# 1.2.22 MDT-02 – iPad GSM

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device	
	forensic tool is disrupted then the tool shall notify the user that	
	connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:29:54 EST 2015	
Device:	iPadGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:29:54 EST 2015	
	Acquisition finished: Tue Feb 3 07:37:29 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

# **1.2.23 MDT-03 – iPad GSM**

Test Case MDT	I-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit	ion of the
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:30:15 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:30:15 EST 2015	
	Acquisition finished: Tue Feb 3 07:37:34 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

# **1.2.24 MDT-04 – iPad GSM**

	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the	
	target device without error then subscriber and equipment related	
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:30:34 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:30:34 EST 2015	
	Acquisition finished: Tue Feb 3 07:37:41 EST 2015	
	Subscriber and Equipment related data (i.e., MSISDN, IMEI) were	re acquired
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

## 76 **1.2.25 MDT-05 – iPad GSM**

Test Case MD	F-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit target device without error then all supported data elements presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:30:58 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:30:58 EST 2015	
	Acquisition finished: Tue Feb 3 07:37:47 EST 2015	
	All address book entries were successfully acquired	
	ALL PIM related data was acquired	
	ALL text messages (SMS, EMS) were acquired	
	Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messa correctly reported	ges were
	ALL MMS messages (Audio, Image, Video) were acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquired	d
	All application data was acquired	
	All Internet related data was acquired	
	Partial Social media related data was acquired	
	Notes: Only two of three social network applications were listed.	
	Linkedin was not listed in social networks.	
Results:		1
	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Partial
Analysis:	Partial results achieved	

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# 78 **1.2.26 MDT-06 – iPad GSM**

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall	
	complete the acquisition of all data objects without error.	
	MDT-CA-07 If a mobile device forensic tool provides the user with an Select	
	All individual device data objects then the tool shall complete the	
	acquisition of all individually selected data objects without error.	
	MDT-CA-08 If a mobile device forensic tool provides the user with the	
	ability to Select Individual device data objects for acquisition then the	
	tool shall acquire each exclusive data object without error.	
	MDT-CA-09 If a mobile device forensic tool completes two consecutive	
	logical acquisitions of the target device without error then the payload	
	(data objects) on the mobile device shall remain consistent.	

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:31:19 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:31:19 EST 2015	
	Acquisition finished: Tue Feb 3 07:37:54 EST 2015	
Results:	Acquire All acquisition was successful	
1.05 41 05 7	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

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#### 80 1.2.27 MDT-12 - iPad GSM

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	1
Case	MDT-12 After a successful mobile device internal memor	y, alter the case
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	MDT-AO-08 If the case file or individual data objects third-party means then the tool shall provide protectidisallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:31:42 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:31:42 EST 2015 Acquisition finished: Tue Feb 3 07:38:05 EST 2015	
	Notification of modified device memory data was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

#### 83 1.2.28 MDT-19 - iPad GSM

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-19 Acquire mobile device internal memory and review d non-ASCII characters.	ata containing
Assertions:	MDT-AO-13 If the mobile device forensic tool supports dis characters then acquired data containing non-ASCII charac presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:32:00 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:32:00 EST 2015 Acquisition finished: Tue Feb 3 07:38:12 EST 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:	Assertion & Expected Result	Actual Result
	MDT-A0-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

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#### 1.2.29 MDT-22 - iPad GSM 85

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review has	sh values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hash individual data objects then the tool shall present the use value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:32:24 EST 2015	
Device:	iPad GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:32:24 EST 2015	
	Acquisition finished: Tue Feb 3 07:38:19 EST 2015	
	Hash values were properly reported for individually acquire elements	ed device data
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-15 Hash values for individual data and case	as expected
	presented in a useable format.	
Analysis:	Expected results achieved	

## **1.2.30 MDT-24 – iPad GSM**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-24 Acquire mobile device internal memory and review data longitude and latitude coordinates	containing GPS
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:33:01 EST 2015	
Device:	iPad_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:33:01 EST 2015 Acquisition finished: Tue Feb 3 07:38:26 EST 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

# **1.2.31 MDT-01 – iPad CDMA**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	Assertions: MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully	
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:53:59 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:53:59 EST 2015	
	Acquisition finished: Tue Feb 3 07:01:24 EST 2015	
	Device connectivity was established via supported interfa	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

## **1.2.32 MDT-02 – iPad CDMA**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and connectivity by interface disengagement.	interrupt
Assertions:	MDT-CA-02 If connectivity between the mobile device and moforensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:54:17 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:54:17 EST 2015	
	Acquisition finished: Tue Feb 3 07:01:31 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

# **1.2.33 MDT-03 – iPad CDMA**

Test Case MD	I-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit target device without error then the tool shall have the abil acquired data objects in a useable format via either a previe generated report.	ity to present
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 06:54:40 EST 2015	
Device:	iPad CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:54:40 EST 2015	
	Acquisition finished: Tue Feb 3 07:01:43 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

# 98 **1.2.34 MDT-04 – iPad CDMA**

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-04 Acquire mobile device internal memory and review report and equipment related information (e.g., IMSI, IMEI, MEID/ESN	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisit target device without error then subscriber and equipment relainformation shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:55:14 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:55:14 EST 2015 Acquisition finished: Tue Feb 3 07:01:50 EST 2015 IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	as expected
Analysis:	Expected results achieved	

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# 100 **1.2.35 MDT-05 – iPad CDMA**

Case Summary:  MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).  Assertions:  MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.  Tester Name:  Test Host: Test Date:  Test Date:  Device:  OS: Mac OS X v10.8.5 Setup:  Interface: cable  Log Highlights:  Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:01:57 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL ptm related data was acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL MMS messages (Audio, Image, Video) were acquired All Internet related data was acquired Partial Social media related data was acquired Partial Social media related data was acquired	Test Case MDT	-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
target device without error then all supported data elements shall be presented in a useable format.  Tester Name:  Test Host: p644381  Test Date: Tue Feb 3 06:55:36 EST 2015  Device: iPad_CDMA  Source OS: Mac OS X v10.8.5  Setup: Interface: cable  Log Created by Oxygen Forensic Suite 2015 v7.0.0.408  Acquisition started: Tue Feb 3 06:55:36 EST 2015  Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired All Internet related data was acquired	Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Name:  Test Host: p644381  Test Date: Tue Feb 3 06:55:36 EST 2015  Device: iPad CDMA  Source OS: Mac OS X v10.8.5  Interface: cable  Log  Highlights: Acquisition started: Tue Feb 3 06:55:36 EST 2015  Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired  ALL PIM related data was acquired  ALL text messages (SMS, EMS) were acquired  Correct date/time stamps were reported for all text messages  Correct status flags were reported for all text messages  Sender and Recipient phone numbers associated with text messages were correctly reported  ALL stand-alone data files (Audio, Image, Video) were acquired  All application data was acquired  All Internet related data was acquired  All Internet related data was acquired	Assertions:	target device without error then all supported data elements shall be
Test Date: Tue Feb 3 06:55:36 EST 2015  Device: iPad_CDMA  Source OS: Mac OS X v10.8.5  Interface: cable  Log Highlights: Acquisition started: Tue Feb 3 06:55:36 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired		rpa
Device:  iPad CDMA  Source OS: Mac OS X v10.8.5 Interface: cable  Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:55:36 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired	Test Host:	p644381
Source Setup:  OS: Mac OS X v10.8.5 Interface: cable  Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:55:36 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired	Test Date:	Tue Feb 3 06:55:36 EST 2015
Interface: cable  Created by Oxygen Forensic Suite 2015 v7.0.0.408  Acquisition started: Tue Feb 3 06:55:36 EST 2015  Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired  ALL PIM related data was acquired  ALL text messages (SMS, EMS) were acquired  Correct date/time stamps were reported for all text messages  Correct status flags were reported for all text messages  Sender and Recipient phone numbers associated with text messages were correctly reported  ALL MMS messages (Audio, Image, Video) were acquired  ALL stand-alone data files (Audio, Image, Video) were acquired  All application data was acquired  All Internet related data was acquired	Device:	
Log Highlights:  Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:55:36 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired	Source	
Highlights: Acquisition started: Tue Feb 3 06:55:36 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired	Setup:	Interface: cable
Notes:		Acquisition started: Tue Feb 3 06:55:36 EST 2015 Acquisition finished: Tue Feb 3 07:01:57 EST 2015  All address book entries were successfully acquired ALL PIM related data was acquired ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired

Test Case MD	Test Case MDT-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
	Only two of three social network applications were listed.		
	Linkedin was not listed in social networks.		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Partial	
Analysis:	Partial results achieved		

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# 1.2.36 MDT-06 – iPad CDMA

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisit tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select ete the t error. with the tion then the
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:55:56 EST 2015	
Device:	iPad CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:55:56 EST 2015 Acquisition finished: Tue Feb 3 07:02:04 EST 2015	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

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# **1.2.37 MDT-12 – iPad CDMA**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	1
Case Summary:	MDT-12 After a successful mobile device internal memor file via third-party means and attempt to re-open the	4 *
Assertions:	MDT-AO-08 If the case file or individual data objects third-party means then the tool shall provide protection disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:56:18 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:56:18 EST 2015	
	Acquisition finished: Tue Feb 3 07:02:10 EST 2015	
	Notification of modified device memory data was success	sful
Results:		
	Assertion & Expected Result	Actual Result
ı	MDT-AO-08 Notification of modified device case data.	as expected
l		
Analysis:	Expected results achieved	

# **1.2.38 MDT-19 – iPad CDMA**

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-19 Acquire mobile device internal memory and review data of	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display characters then acquired data containing non-ASCII characters presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:56:41 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 06:56:41 EST 2015	
	Acquisition finished: Tue Feb 3 07:02:18 EST 2015	
	Non-ASCII Address book entries were acquired and properly displayed	
	Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	

## **1.2.39 MDT-22 – iPad CDMA**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:57:02 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:57:02 EST 2015 Acquisition finished: Tue Feb 3 07:02:25 EST 2015 Hash values were properly reported for individually acquired elements	device data
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

# **1.2.40 MDT-24 – iPad CDMA**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 06:57:22 EST 2015	
Device:	iPad_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 06:57:22 EST 2015 Acquisition finished: Tue Feb 3 07:02:31 EST 2015	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

# **1.2.41 MDT-01 – iPadMini GSM**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-su (e.g., cable, Bluetooth, IrDA).	pported interfaces
Assertions:	MDT-CA-01 If a mobile device forensic tool provides supported connectivity of the target device then the tool shall sucrecognize the target device via all vendor supported intecable, Bluetooth, IrDA).	cessfully
Tester Name:	rpa	
Test Host:	p644381	<u> </u>
Test Date:	Tue Feb 3 07:07:26 EST 2015	
Device:	iPadMini_GSM	
Source Setup:	OS: Mac OS X v10.8.5 Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:07:26 EST 2015 Acquisition finished: Tue Feb 3 07:16:47 EST 2015  Device connectivity was established via supported interface	ce
Results:		T
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

# **1.2.42 MDT-02 – iPadMini GSM**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and modern forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:07:45 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:07:45 EST 2015	
	Acquisition finished: Tue Feb 3 07:16:54 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

# **1.2.43 MDT-03 – iPadMini GSM**

Test Case MDT	I-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:08:09 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:08:09 EST 2015	
	Acquisition finished: Tue Feb 3 07:17:02 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
l		
Analysis:	Expected results achieved	

# **1.2.44 MDT-04 – iPadMini GSM**

	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-04 Acquire mobile device internal memory and review report	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisit	
	target device without error then subscriber and equipment rela	ated
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:08:34 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:08:34 EST 2015	
	Acquisition finished: Tue Feb 3 07:17:10 EST 2015	
	Subscriber and Equipment related data (i.e., MSISDN, IMEI) wes	re acquired
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

#### 125 1.2.45 MDT-05 - iPadMini GSM

Test Case MDT-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-05 Acquire mobile device internal memory and review suppo	
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,	
	pictures, video, application related data: documents, spreads	•
	presentations, social-media data and Internet related data: b	ookmarks,
	visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit	
	target device without error then all supported data elements	shall be
	presented in a useable format.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:08:53 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
T	Grand and have Common Proposal and Cold to 2015 and 0.0 400	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:08:53 EST 2015	
	Acquisition finished: Tue Feb 3 07:17:18 EST 2015	
	All address book entries were successfully acquired	
	ALL PIM related data was acquired	
	ALL text messages (SMS, EMS) were acquired	
	Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text messa	ges were
	correctly reported	y
	ALL MMS messages (Audio, Image, Video) were acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquire	d
	All application data was acquired	
	All Internet related data was acquired	
	Partial Social media related data was acquired	
	-	
	Notes:	
	Only two of three social network applications were listed.	
	Linkedin was not listed in social networks.	
Results:		
RESULTS:	Assertion & Expected Result	Actual
	Assertion & Expected Result	Result
	MDT-CA-05 Acquisition of all mobile device supported data	Partial
	elements in a useable format.	raitiai
	etements in a aseable format.	
Analysis:	Partial results achieved	
	1 TAL DIAL TODALO GONTOVOG	

#### MDT-06 - iPadMini GSM 128 1.2.46

Test Case MDT	Test Case MDT-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-06 Acquire mobile device internal memory by selecting a	combination of	
Summary:	supported data elements.		
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisitionly shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select ete the t error. with the tion then the	
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Tue Feb 3 07:09:16 EST 2015		
Device:	iPadMini GSM		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Tue Feb 3 07:09:16 EST 2015		
	Acquisition finished: Tue Feb 3 07:17:29 EST 2015		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected	
Analysis:	Expected results achieved		

# **1.2.47 MDT-12 – iPadMini GSM**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-12 After a successful mobile device internal memory file via third-party means and attempt to re-open the	4 *
Assertions:	MDT-AO-08 If the case file or individual data objects third-party means then the tool shall provide protection disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:09:39 EST 2015	
Device:	iPadMiniGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:09:39 EST 2015	
	Acquisition finished: Tue Feb 3 07:17:37 EST 2015	
	Notification of modified device memory data was success	sful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

# **1.2.48 MDT-19 – iPadMini GSM**

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display	
	characters then acquired data containing non-ASCII characters	should be
	presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:10:18 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Tog	Greated by Ownson Ferrancia Cuite 2015 w7 0 0 400	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
nightights:	Acquisition started: Tue Feb 3 07:10:18 EST 2015 Acquisition finished: Tue Feb 3 07:17:45 EST 2015	
	Acquisicion linished. Tue reb 5 07.17.45 EST 2015	
	Non-ASCII Address book entries were acquired and properly disp	olaved
	Non-ASCII text messages were acquired and properly displayed	
	and the second s	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	-
Analysis:	Expected results achieved	

## **1.2.49 MDT-22 – iPadMini GSM**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-22 Acquire mobile device internal memory and review has vendor supported data objects.	sh values for
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashi individual data objects then the tool shall present the use value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:10:40 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:10:40 EST 2015 Acquisition finished: Tue Feb 3 07:17:56 EST 2015 Hash values were properly reported for individually acquire elements	ed device data
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

# **1.2.50 MDT-24 – iPadMini GSM**

Test Case MDT-	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:10:59 EST 2015	
Device:	iPadMini_GSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:10:59 EST 2015 Acquisition finished: Tue Feb 3 07:18:02 EST 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

# **1.2.51 MDT-01 – iPadMini CDMA**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-01 Acquire mobile device internal memory over tool-su	pported interfaces
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppo	rt for
	connectivity of the target device then the tool shall such	
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:12:24 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:12:24 EST 2015	
	Acquisition finished: Tue Feb 3 07:18:12 EST 2015	
	Device connectivity was established via supported interfa	ce
	Notes:	
	The following message occurred for an unlocked device whe	n not using iTunes
	version 11.1:	
	Unlock the device to extract the data.	
	Option 1 - Enter passcode on the device	
	Option 2 - Find lock down plst on PC to unlock the device	•
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

# **1.2.52 MDT-02 – iPadMini CDMA**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mo	bile device
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:13:11 EST 2015	
Device:	iPadMini CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:13:11 EST 2015	
	Acquisition finished: Tue Feb 3 07:18:19 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	•

# **1.2.53 MDT-03 – iPadMini CDMA**

Test Case MDT	I-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:13:35 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:13:35 EST 2015	
	Acquisition finished: Tue Feb 3 07:18:25 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

# **1.2.54 MDT-04 – iPadMini CDMA**

Case	MDT-04 Acquire mobile device internal memory and review reporte	d subscriber
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN,	MSISDN).
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisitio	n of the
	target device without error then subscriber and equipment relat	ed
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:14:10 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:14:10 EST 2015	
	Acquisition finished: Tue Feb 3 07:18:32 EST 2015	
	IMEI, MEID/ESN were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-04 Acquisition of mobile device subscriber and	as expected
	equipment related data in a useable format.	
Analysis:	Expected results achieved	

# 151 **1.2.55 MDT-05 – iPadMini CDMA**

Test Case MDT	2-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-05 Acquire mobile device internal memory and review supported data	
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,	
	pictures, video, application related data: documents, spreadsheets,	
	presentations, social-media data and Internet related data: b	ookmarks,
	visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the	
	target device without error then all supported data elements	shall be
	presented in a useable format.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Tue Feb 3 07:14:33 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Tog	Greated by Owngon Forengia Cuite 2015 v7 0 0 400	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:14:33 EST 2015	
nightights:	Acquisition finished: Tue Feb 3 07:14:33 EST 2015	
	Acquisition limished: lue rep 3 07:10:39 ESI 2013	
	All address book entries were successfully acquired	
	ALL PIM related data was acquired	
	ALL text messages (SMS, EMS) were acquired  Correct date/time stamps were reported for all text messages  Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text messages were	
	correctly reported	-
	ALL MMS messages (Audio, Image, Video) were acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquired	
	All application data was acquired	
	All Internet related data was acquired	
	Partial Social media related data was acquired	
	Notes:	
	Only two of three social network applications were listed.	
	Linkedin was not listed in social networks.	
	Linkedin was not listed in social networks.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Partial
	elements in a useable format.	
Analysis:	Partial results achieved	
4		

# 154 **1.2.56 MDT-06 – iPadMini CDMA**

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-06 Acquire mobile device internal memory by selecting a	combination of	
Summary:	supported data elements.		
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisit tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select tet the terror. with the tion then the	
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Tue Feb 3 07:14:58 EST 2015		
Device:	iPadMini_CDMA		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Tue Feb 3 07:14:58 EST 2015		
	Acquisition finished: Tue Feb 3 07:18:46 EST 2015  Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected	
Analysis:	Expected results achieved		

# **1.2.57 MDT-12 – iPadMini CDMA**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	3
Case Summary:	MDT-12 After a successful mobile device internal memor file via third-party means and attempt to re-open the	
Assertions:	MDT-AO-08 If the case file or individual data objects third-party means then the tool shall provide protectidisallowing or reporting data modification.	are modified via
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:15:19 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Tue Feb 3 07:15:19 EST 2015	
	Acquisition finished: Tue Feb 3 07:18:53 EST 2015	
	Notification of modified device memory data was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
		_
Analysis:	Expected results achieved	

# **1.2.58 MDT-19 – iPadMini CDMA**

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-19 Acquire mobile device internal memory and review data	containing
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports displa characters then acquired data containing non-ASCII character presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:15:39 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:15:39 EST 2015 Acquisition finished: Tue Feb 3 07:19:05 EST 2015 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

# **1.2.59 MDT-22 – iPadMini CDMA**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-22 Acquire mobile device internal memory and review has vendor supported data objects.	sh values for
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashi individual data objects then the tool shall present the use value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:16:07 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	•
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:16:07 EST 2015 Acquisition finished: Tue Feb 3 07:19:13 EST 2015  Hash values were properly reported for individually acquired device data elements	
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

# **1.2.60 MDT-24 – iPadMini CDMA**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Tue Feb 3 07:16:34 EST 2015	
Device:	iPadMini_CDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Tue Feb 3 07:16:34 EST 2015 Acquisition finished: Tue Feb 3 07:19:23 EST 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

#### MDT-01 – Galaxy S3 167 1.2.61

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides suppo connectivity of the target device then the tool shall sucrecognize the target device via all vendor supported inte cable, Bluetooth, IrDA).	cessfully
Tester Name:	rpa	
Test Host:	p644381	<u> </u>
Test Date:	Thu Feb 5 06:41:32 EST 2015	
Device:	GalaxyS3	
Source Setup:	OS: Mac OS X v10.8.5 Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:41:32 EST 2015 Acquisition finished: Thu Feb 5 06:58:59 EST 2015 Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

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#### MDT-02 – Galaxy S3 169 1.2.62

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and modern forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:41:52 EST 2015	
Device:	Galaxys3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:41:52 EST 2015	
	Acquisition finished: Thu Feb 5 06:59:05 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	_

### **1.2.63 MDT-03 – Galaxy S3**

Test Case MDT	-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Thu Feb 5 06:42:15 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:42:15 EST 2015	
	Acquisition finished: Thu Feb 5 06:59:14 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
	-	Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

### **1.2.64 MDT-04 – Galaxy S3**

	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-04 Acquire mobile device internal memory and review rep and equipment related information (e.g., IMSI, IMEI, MEID/E	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquis target device without error then subscriber and equipment r information shall be presented in a useable format.	ition of the
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:42:38 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:42:38 EST 2015 Acquisition finished: Thu Feb 5 06:59:20 EST 2015  IMEI was acquired  Notes: MSISDN was not reported.	
Results:	Assertion & Expected Result  MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Actual Result as expected
Analysis:	Expected results achieved	

# 177 **1.2.65 MDT-05 – Galaxy S3**

Tost Caso MDT	OF Owngon Forensia Suite 2015 analyst version 7 0 0 409	
	C-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408  MDT-05 Acquire mobile device internal memory and review suppor	tod data
Case		
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,	
	pictures, video, application related data: documents, spreadsh	
	presentations, social-media data and Internet related data: bo	okmarks,
	visited sites).	
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisiti	
	target device without error then all supported data elements s	hall be
	presented in a useable format.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Thu Feb 5 06:43:01 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:43:01 EST 2015	
	Acquisition finished: Thu Feb 5 06:59:27 EST 2015	
	Acquisition finished: Thu Feb 5 06:59:39 EST 2015	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were not acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were acquired	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were acquired	
	Basic PIM related data was acquired	
	Partial Maximum length PIM related data was acquired	
	All Call Logs (incoming, outgoing, missed) were acquired	
	All Call Log date/time stamps data were correctly reported	
	ALL text messages (SMS, EMS) were acquired	
	Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text message	es were
	correctly reported	
	ALL MMS messages (Audio, Image, Video) were acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquired	
	All application data was acquired	
	All Internet related data was acquired	
	Partial Social media related data was acquired	
	Notes:	
	Only the first and last word of Contacts were reported.	
	Notes were not reported under the organizer category.	
	Facebook and Linkedin were not reported under the social netwo	rks category.
	Only twitter was reported.	- <del>-</del>
	Recoverable deleted text messages were not reported.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Partial
	elements in a useable format.	
Analysis:	Partial results achieved	

#### MDT-06 - Galaxy S3 180 1.2.66

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the toomplete the acquisition of all data objects without error.  MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall complet acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisit tool shall acquire each exclusive data object without error.  MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select te the cerror. with the cion then the
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:43:19 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:43:19 EST 2015	
	Acquisition finished: Thu Feb 5 06:59:46 EST 2015	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

### **1.2.67 MDT-12 – Galaxy S3**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	1
Case Summary:	MDT-12 After a successful mobile device internal memor file via third-party means and attempt to re-open the	
Assertions:	MDT-AO-08 If the case file or individual data objects third-party means then the tool shall provide protection disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	_
Test Date:	Thu Feb 5 06:43:39 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:43:39 EST 2015	
	Acquisition finished: Thu Feb 5 06:59:55 EST 2015	
	Notification of modified device memory data was success	sful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

### **1.2.68 MDT-19 – Galaxy S3**

Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:43:58 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:43:58 EST 2015	
	Acquisition finished: Thu Feb 5 07:00:03 EST 2015	
	Non-ASCII Address book entries were acquired and properly d	
	Non-ASCII text messages were acquired and properly displayed	d
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	

#### 188 1.2.69 MDT-22 - Galaxy S3

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-22 Acquire mobile device internal memory and review has vendor supported data objects.	n values for
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashin individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:44:18 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:44:18 EST 2015 Acquisition finished: Thu Feb 5 07:00:09 EST 2015  Hash values were properly reported for individually acquired elements	d device data
Results:	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

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#### MDT-24 – Galaxy S3 190 1.2.70

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis data then the tool shall present the user with the longitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:44:37 EST 2015	
Device:	GalaxyS3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:44:37 EST 2015 Acquisition finished: Thu Feb 5 07:00:16 EST 2015  GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

#### MDT-01 - Galaxy S4 193 1.2.71

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	Assertions: MDT-CA-01 If a mobile device forensic tool provides support for	
	connectivity of the target device then the tool shall suc	
	recognize the target device via all vendor supported inte	rfaces (e.g.,
	cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:44:56 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Loq	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:44:56 EST 2015	
	Acquisition finished: Thu Feb 5 07:07:38 EST 2015	
	Device connectivity was established via supported interfa-	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected
Analysis:	Expected results achieved	

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#### MDT-02 - Galaxy S4 1.2.72

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:		
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:45:29 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:45:29 EST 2015	
	Acquisition finished: Thu Feb 5 07:07:43 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

# 198 **1.2.73 MDT-03 – Galaxy S4**

Test Case MDT	-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Thu Feb 5 06:45:53 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:45:53 EST 2015	
	Acquisition finished: Thu Feb 5 07:07:48 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
	-	Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

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### 1.2.74 MDT-04 – Galaxy S4

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-04 Acquire mobile device internal memory and review reported	subscriber
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of t	
	target device without error then subscriber and equipment related	l
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:46:15 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:46:15 EST 2015	
	Acquisition finished: Thu Feb 5 07:07:55 EST 2015	
	IMEI was acquired	
	Notes:	
	MSISDN was not reported.	
Results:		
	Inspecient a Imperior nessure	Actual
		esult
		artial
	equipment related data in a useable format.	
Analysis:	Partial results achieved	

# 203 **1.2.75 MDT-05 – Galaxy S4**

MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PTM data, call logs, SNR, MNS, stand-alone files; audio, pictures, video, application related data; documents, spreadsheets, visited sites).    Assertions:   MDT-05 and mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.    Fest Post   FPA	Test Case MD	I-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Tester Name: Test Host: Test Host: Test Date: Thu Feb 5 06:46:36 EST 2015 Device: GalaxyS4 Source OS: Mac OS X v10.8.5 Interface: cable  Created by Oxygen Forensic Suite 2015 v7.0.0.408 Highlights: Acquisition started: Thu Feb 5 06:46:36 EST 2015 Acquisition finished: Thu Feb 5 07:08:01 EST 2015 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Email addresses within Address Book entries were acquired Email addresses within Address Book entries were acquired Maximum length PIM related data was not acquired All Call Log dicmoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages Sender and Recipient phone numbers associated with text messages Sender and Recipient phone numbers associated with text messages Sender and late stand-alone data files (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All Internet related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks categor. Only twitter was reported. Recoverable deleted text messages were not reported. Recoverable deleted text messages were not reported. Recoverable deleted text messages were not reported. Recoverable deleted format.	Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).	
Test Host:  Test Date: Thu Feb 5 06:46:36 EST 2015  Device: Galaxy54 Source OS: Mac OS X v10.8.5 Interface: cable  Created by Oxygen Forensic Suite 2015 v7.0.0.408 Highlights:  Acquisition started: Thu Feb 5 06:46:36 EST 2015 Acquisition finished: Thu Feb 5 07:08:01 EST 2015 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Blank Name Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log sterium stamps were reported for all text messages Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MNS messages (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Rotes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  Astual Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Assertions:	target device without error then all supported data elements	
Test Date: Thu Feb 5 06:46:36 EST 2015  Device: GalaxyS4  Source		rpa	
Device: Galaxy54  Source OS: Mac OS X v10.8.5 Stup: Interface: cable  Log Highlights: Acquisition started: Thu Feb 5 06:46:36 EST 2015     Acquisition finished: Thu Feb 5 07:08:01 EST 2015     Acquisition finished: Thu Feb 5 07:08:01 EST 2015     Regular Length Address Book entries were acquired     Maximum Length Address Book entries were not acquired     Special Character Address Book entries were acquired     Email addresses within Address Book entries were acquired     All Call Logs (incoming, outgoing, missed) were acquired     All Call Log dincoming, outgoing, missed) were acquired     All Call Log tincoming, outgoing, missed) were acquired     All Lext messages (SMS, EMS) were acquired     All Laxt messages (SMS, EMS) were acquired     Correct date/time stamps were reported for all text messages     Correct status flags were reported for all text messages     Sender and Recipient phone numbers associated with text messages     Sender and Recipient phone numbers associated with text messages     Sender and Recipient phone numbers associated with text messages were     correctly reported     ALL MMS messages (Audio, Image, Video) were acquired     ALL stand-alone data files (Audio, Image, Video) were acquired     All Internet related data was acquired     All Internet related data was acquired     Partial Social media related data was acquired     Notes:     Only the first and last word of Contacts were reported.     Notes were not reported under the organizer category.     Facebook and Linkedin were not reported under the social networks category     Only twitter was reported.     Results:  Actual Result  MDT-CA-05 Acquisition of all mobile device supported data     Partial	Test Host:	p644381	
Source Setup:  OS: Mac OS X v10.8.5 Interface: cable  Created by Oxygen Forensic Suite 2015 v7.0.0.408  Acquisition started: Thu Feb 5 06:46:36 EST 2015  Acquisition finished: Thu Feb 5 07:08:01 EST 2015  Regular Length Address Book entries were acquired  Maximum Length Address Book entries were not acquired  Special Character Address Book entries were acquired  Blank Name Address Book entries were acquired  Email addresses within Address Book entries were acquired  Embedded graphics within Address Book entries were acquired  Embedded graphics within Address Book entries were acquired  All Call Logs (incoming, outgoing, missed) were acquired  All Call Log date/time stamps were acquired  Correct date/time stamps were reported for all text messages  Correct status flags were reported for all text messages  Sender and Recipient phone numbers associated with text messages were correctly reported  ALL MMS messages (Audio, Image, Video) were acquired  ALL stand-alone data files (Audio, Image, Video) were acquired  All application data was acquired  All Internet related data was acquired  Partial Social media related data was acquired  Notes:  Only the first and last word of Contacts were reported.  Notes were not reported under the organizer category.  Facebook and Linkedin were not reported under the social networks categor Only twitter was reported.  Recoverable deleted text messages were not reported.  Recoverable deleted text messages were not reported.  Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data  Partial	Test Date:	Thu Feb 5 06:46:36 EST 2015	
Interface: cable	Device:	GalaxyS4	
Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:46:36 EST 2015 Acquisition finished: Thu Feb 5 07:08:01 EST 2015 Regular Length Address Book entries were acquired Maximum Length Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic PIM related data was acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported AlL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All application data was acquired All internet related data was acquired Partial Social media related data was acquired Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data Partial	Source	OS: Mac OS X v10.8.5	
Acquisition started: Thu Feb 5 06:46:36 EST 2015 Acquisition finished: Thu Feb 5 07:08:01 EST 2015 Regular Length Address Book entries were acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired Notes:  Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks categor. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Setup:	Interface: cable	
Regular Length Address Book entries were acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic FIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log scincoming, outgoing, missed) were acquired All text messages (SNS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Social media related data was acquired Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Facebook and Linkedin were not reported under the social networks category. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  Actual Results:  Assertion & Expected Result  Actual Results:	-		
Regular Length Address Book entries were acquired Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks categor; Only twitter was reported. Recoverable deleted text messages were not reported. Recoverable deleted text messages were not reported data elements in a useable format.	Highlights:		
Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Logs (incoming, outgoing, missed) were acquired Correct date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct status flags were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Social media related data was acquired Partial Social media related data was acquired Notes:  Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Recoverable deleted text messages were not reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result Actual Result MDT-CA-05 Acquisition of all mobile device supported data Partial elements in a useable format.		Acquisition finished: Thu Feb 5 07:08:01 EST 2015	
Maximum Length Address Book entries were not acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired Basic PIM related data was acquired Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Logs (incoming, outgoing, missed) were acquired Correct date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct status flags were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Social media related data was acquired Partial Social media related data was acquired Notes:  Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Recoverable deleted text messages were not reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result Actual Result MDT-CA-05 Acquisition of all mobile device supported data Partial elements in a useable format.		Regular Length Address Book entries were acquired	
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Maximum length PIM related data was not acquired All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial		Embedded graphics within Address Book entries were acquired	
All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Social media related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks categor. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial		Basic PIM related data was acquired	
All Call Log date/time stamps data were correctly reported ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired Partial Social media related data was acquired Partial Social media related data was acquired  Notes:  Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. The provided of the social networks category. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		Maximum length PIM related data was not acquired	
ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Actual Result MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		All Call Logs (incoming, outgoing, missed) were acquired	
Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  Actual Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		All Call Log date/time stamps data were correctly reported	
Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  Actual Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		ALL text messages (SMS, EMS) were acquired	
Sender and Recipient phone numbers associated with text messages were correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.			
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ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks categor Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial			
All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks categor; Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial			4
All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial		, , , , , , , , , , , , , , , , , , , ,	<b>u</b>
Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial			
Only the first and last word of Contacts were reported.  Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial			
Only the first and last word of Contacts were reported.  Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial		Notes:	
Notes were not reported under the organizer category. Facebook and Linkedin were not reported under the social networks category. Only twitter was reported. Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial		1 <del></del>	
Facebook and Linkedin were not reported under the social networks category Only twitter was reported.  Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial		1	
Only twitter was reported.  Recoverable deleted text messages were not reported.  Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Partial			orks category.
Results:  Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Result			
Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.  Actual Result  Partial		Recoverable deleted text messages were not reported.	
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.	Results:		_
MDT-CA-05 Acquisition of all mobile device supported data elements in a useable format.		Assertion & Expected Result	
elements in a useable format.		MDT-CA-05 Acquisition of all mobile device supported data	
Analysis: Partial results achieved			
Analysis: Partial results achieved			
	Analysis:	Partial results achieved	•

### 206 **1.2.76 MDT-06 – Galaxy S4**

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-06 Acquire mobile device internal memory by selecting a continuous control of the control of	combination of
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisit tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select ete the cerror. with the cion then the
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:46:56 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:46:56 EST 2015	
	Acquisition finished: Thu Feb 5 07:08:08 EST 2015	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	

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### 1.2.77 MDT-12 – Galaxy S4

Test Case MDT-	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Case	MDT-12 After a successful mobile device internal memory, alter the case
Summary:	file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Thu Feb 5 06:47:17 EST 2015
Device:	GalaxyS4
Source	OS: Mac OS X v10.8.5
Setup:	Interface: cable
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408
Highlights:	Acquisition started: Thu Feb 5 06:47:17 EST 2015
	Acquisition finished: Thu Feb 5 07:08:14 EST 2015
	Notification of modified device memory data was successful
Results:	

Test Case MDT-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408				
	Assertion & Expected Result	Actual Result		
	MDT-AO-08 Notification of modified device case data.	as expected		
		<u> </u>		
Analysis:	Expected results achieved			

# 210 **1.2.78 MDT-19 – Galaxy S4**

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:47:39 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:47:39 EST 2015 Acquisition finished: Thu Feb 5 07:08:20 EST 2015  Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	as expected
Analysis:	Expected results achieved	

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# 212 **1.2.79 MDT-22 – Galaxy S4**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing	
	individual data objects then the tool shall present the user	with a hash
	value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:47:58 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:47:58 EST 2015	
	Acquisition finished: Thu Feb 5 07:08:25 EST 2015	
	Hash values were properly reported for individually acquired	device data
	elements	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-15 Hash values for individual data and case	as expected

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
	presented in a useable format.	
Analysis:	Expected results achieved	

# 214 **1.2.80 MDT-24 – Galaxy S4**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquis:	
	data then the tool shall present the user with the longitude	and latitude
	coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:48:15 EST 2015	
Device:	GalaxyS4	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:48:15 EST 2015	
	Acquisition finished: Thu Feb 5 07:08:30 EST 2015	
	GPS Coordinate data was not successfully acquired	
	Notes:	
	GPS data - Navigation was not reported under the Applications	s category.
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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# 216 **1.2.81 MDT-01 – Galaxy S5**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).	
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:48:35 EST 2015	
Device:	GalaxyS5	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:48:35 EST 2015	
	Acquisition finished: Thu Feb 5 07:12:45 EST 2015	
	Device connectivity was established via supported interfa-	ce
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-01 Device connectivity via supported interfaces.	as expected

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Analysis:	Expected results achieved

# 218 **1.2.82 MDT-02 – Galaxy S5**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	.	
	forensic tool is disrupted then the tool shall notify the	user that
	connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:48:56 EST 2015	
Device:	GalaxyS5	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:48:56 EST 2015	
, ,	Acquisition finished: Thu Feb 5 07:13:05 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

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### 220 **1.2.83 MDT-03 – Galaxy S5**

Test Case MDT	1-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Thu Feb 5 06:49:15 EST 2015	
Device:	GalaxyS5	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Thu Feb 5 06:49:15 EST 2015	
	Acquisition finished: Thu Feb 5 07:13:13 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

### 221 **1.2.84 MDT-04 – Galaxy S5**

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408			
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber			
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).			
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related			
	information shall be presented in a useable format.			
Tester Name:	rpa			
Test Host:	p644381			
Test Date:	Thu Feb 5 06:49:44 EST 2015			
Device:	GalaxyS5			
Source	OS: Mac OS X v10.8.5			
Setup:	Interface: cable			
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408			
Highlights:	Acquisition started: Thu Feb 5 06:49:44 EST 2015			
	Acquisition finished: Thu Feb 5 07:13:20 EST 2015			
	IMEI, MEID/ESN were acquired			
	Notes:			
	MSISDN was not reported.			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	MDT-CA-04 Acquisition of mobile device subscriber and	Partial		
	equipment related data in a useable format.			
Analysis:	Partial results achieved			

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# 223 **1.2.85 MDT-05 – Galaxy S5**

Test Case MD	T-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Case	MDT-05 Acquire mobile device internal memory and review supported data
Summary:	elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio,
	pictures, video, application related data: documents, spreadsheets,
	presentations, social-media data and Internet related data: bookmarks,
	visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the
	target device without error then all supported data elements shall be
	presented in a useable format.
Tester	rpa
Name:	
Test Host:	p644381
Test Date:	Thu Feb 5 06:50:08 EST 2015
Device:	GalaxyS5
Source	OS: Mac OS X v10.8.5
Setup:	Interface: cable
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408
Highlights:	Acquisition started: Thu Feb 5 06:50:08 EST 2015
	Acquisition finished: Thu Feb 5 07:13:27 EST 2015
	Regular Length Address Book entries were acquired
	Maximum Length Address Book entries were not acquired
	Special Character Address Book entries were acquired
	Blank Name Address Book entries were acquired
	Email addresses within Address Book entries were acquired
	Embedded graphics within Address Book entries were acquired
	Basic PIM related data was acquired
	Maximum length PIM related data was not acquired
	All Call Logs (incoming, outgoing, missed) were acquired
	All Call Log date/time stamps data were correctly reported
	ALL text messages (SMS, EMS) were acquired

Test Case MDT	-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Test Case MDT	Correct date/time stamps were reported for all text messages Partial status flags were reported for text messages Sender and Recipient phone numbers associated with text messag correctly reported ALL MMS messages (Audio, Image, Video) were acquired ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired All Internet related data was acquired Partial Social media related data was acquired  Notes: Only the first and last word of Contacts were reported. Notes were not reported under the organizer category. Facebook was not reported under the social networks category. and Linkedin were reported. Deleted text messages were not classified as deleted messages.	Only twitter
Results:	Assertion & Expected Result  MDT-CA-05 Acquisition of all mobile device supported data	Actual Result
	elements in a useable format.	Partial
Analysis:	Partial results achieved	

# 225 **1.2.86 MDT-06 – Galaxy S5**

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408			
Case	MDT-06 Acquire mobile device internal memory by selecting a c	combination of		
Summary:	supported data elements.			
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.  MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.  MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.  MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.			
Tester Name:	rpa			
Test Host:	p644381			
Test Date:	Thu Feb 5 06:50:26 EST 2015			
Device:	GalaxyS5			
Source	OS: Mac OS X v10.8.5			
Setup:	Interface: cable			
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408			
Highlights:	Acquisition started: Thu Feb 5 06:50:26 EST 2015			
	Acquisition finished: Thu Feb 5 07:13:34 EST 2015			
	Acquire All acquisition was successful			
Results:				
	Assertion & Expected Result	Actual Result		
	MDT-CA-06 Acquire-all mobile device data objects	as expected		
	acquisition.			
	MDT-CA-07 Select-all mobile device data objects	NA		
	acquisition.			
	MDT-CA-08 Select-individual mobile device data objects	NA		
	acquisition.			
	MDT-CA-09 Perform back-to-back acquisitions, check device as expected			
	payload for modifications.			

Test Case M	MDT-06 Oxyge	n Forensic	Suite 2	2015 a	nalyst	version	7.0.0.408
Analysis:	Expected	l results a	chieved				

# **1.2.87 MDT-12 – Galaxy S5**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	1		
Case Summary:	MDT-12 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.			
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.			
Tester Name:	rpa			
Test Host:	p644381			
Test Date:	Thu Feb 5 06:50:44 EST 2015			
Device:	GalaxyS5			
Source	OS: Mac OS X v10.8.5			
Setup:	Interface: cable			
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:50:44 EST 2015 Acquisition finished: Thu Feb 5 07:13:39 EST 2015 Notification of modified device memory data was success	sful		
Results:		1		
	Assertion & Expected Result	Actual Result		
	MDT-AO-08 Notification of modified device case data.	as expected		
Analysis:	Expected results achieved			

# **1.2.88 MDT-19 – Galaxy S5**

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-19 Acquire mobile device internal memory and review data containing non-ASCII characters.		
Summary: Assertions:	MOIT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Thu Feb 5 06:51:02 EST 2015		
Device:	GalaxyS5		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:51:02 EST 2015 Acquisition finished: Thu Feb 5 07:13:47 EST 2015 Non-ASCII Address book entries were acquired and properly dis Non-ASCII text messages were acquired and properly displayed	played	
Results:	Assertion & Expected Result  MDT-AO-13 Acquisition of data containing non-ASCII characters presented in their native format.	Actual Result as expected	
Analysis:	Expected results achieved		

### **1.2.89 MDT-22 – Galaxy S5**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing individual data objects then the tool shall present the user value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Thu Feb 5 06:51:21 EST 2015	
Device:	GalaxyS5	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:51:21 EST 2015 Acquisition finished: Thu Feb 5 07:13:51 EST 2015 Hash values were properly reported for individually acquired elements	device data
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-15 Hash values for individual data and case presented in a useable format.	as expected
Analysis:	Expected results achieved	

### **1.2.90 MDT-24 – Galaxy S5**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-24 Acquire mobile device internal memory and review data	containing GPS	
Summary:	longitude and latitude coordinates		
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Thu Feb 5 06:51:38 EST 2015		
Device:	GalaxyS5		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Thu Feb 5 06:51:38 EST 2015 Acquisition finished: Thu Feb 5 07:13:56 EST 2015 GPS Coordinate data was successfully acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-A0-16 Acquisition of GPS related data presented in a useable format.	as expected	
Analysis:	Expected results achieved		
muarysts.	Tapected results delitered		

# 236 **1.2.91 MDT-01 – Galaxy Note 3**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408			
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces			
Summary:	(e.g., cable, Bluetooth, IrDA).			
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully			
	recognize the target device via all vendor supported inte	rfaces (e.g.,		
	cable, Bluetooth, IrDA).			
Tester Name:	rpa			
Test Host:	p644381			
Test Date:	Fri Feb 6 13:03:46 EST 2015			
Device:	GalaxyNote3			
Source	OS: Mac OS X v10.8.5			
Setup:	Interface: cable			
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408			
Highlights:	Acquisition started: Fri Feb 6 13:03:46 EST 2015			
	Acquisition finished: Fri Feb 6 13:19:10 EST 2015			
	Device connectivity was established via supported interfa	ce		
Results:				
	Assertion & Expected Result	Actual Result		
	MDT-CA-01 Device connectivity via supported interfaces.	as expected		
Analysis:	Expected results achieved			

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# 1.2.92 MDT-02 – Galaxy Note 3

	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	MDT-CA-02 If connectivity between the mobile device and mo		
	forensic tool is disrupted then the tool shall notify the	user that	
	connectivity has been disrupted.		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Fri Feb 6 13:04:05 EST 2015		
Device:	GalaxyNote3		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:04:05 EST 2015		
	Acquisition finished: Fri Feb 6 13:19:15 EST 2015		
	Device acquisition disruption notification was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-02 Notification of device acquisition disruption.	as expected	
Analysis:	Expected results achieved		

# **1.2.93 MDT-03 – Galaxy Note 3**

Test Case MDT	-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via	
Summary:	the preview-pane or generated reports for readability.		
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the		
	target device without error then the tool shall have the abil	ity to present	
	acquired data objects in a useable format via either a previe	w-pane or	
	generated report.		
Tester	rpa		
Name:			
Test Host:	p644381		
Test Date:	Fri Feb 6 13:04:23 EST 2015		
Device:	GalaxyNote3		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:04:23 EST 2015		
	Acquisition finished: Fri Feb 6 13:19:21 EST 2015		
	Readability and completeness of acquired data was successful		
Results:			
	Assertion & Expected Result	Actual	
	-	Result	
	MDT-CA-03 Readability and completeness of acquired data	as expected	
	via supported reports.		
Analysis:	Expected results achieved		

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### **1.2.94 MDT-04 – Galaxy Note 3**

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the	
	target device without error then subscriber and equipment related	
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:04:41 EST 2015	
Device:	GalaxyNote3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:04:41 EST 2015	
	Acquisition finished: Fri Feb 6 13:19:26 EST 2015	
	IMEI, MEID/ESN were acquired	
	Notes:	
	MSISDN was not reported.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	Partial
	equipment related data in a useable format.	
l		
Analysis:	Partial results achieved	

# 246 **1.2.95 MDT-05 – Galaxy Note 3**

Test Case MDT	-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported elements (i.e., PIM data, call logs, SMS, MMS, stand-alone fit pictures, video, application related data: documents, spreads presentations, social-media data and Internet related data: by visited sites).	les: audio, heets, ookmarks,
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit target device without error then all supported data elements presented in a useable format.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Fri Feb 6 13:05:00 EST 2015	
Device:	GalaxyNote3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:05:00 EST 2015	
	Acquisition finished: Fri Feb 6 13:19:34 EST 2015	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were not acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were acquired	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were acquired	
	Basic PIM related data was not acquired	
	Maximum length PIM related data was not acquired	
	Incoming Calls were not acquired	
	Outgoing Calls were not acquired	
	Missed Calls were not acquired	
	ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text messa correctly reported	ges were
	ALL MMS messages (Audio, Image, Video) were acquired	
	ALL stand-alone data files (Audio, Image, Video) were acquire	d
	All application data was acquired	
	Internet related data was not acquired	
	All Social media related data was acquired	
	Notes: Only the first and last word of Contacts were reported. Calendar entries and Notes were not reported under the organi Call logs were not reported. Recoverable deleted text messages were not reported.	zer category.
	Bookmarks and visited sites were not reported.	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-05 Acquisition of all mobile device supported data	Partial
	elements in a useable format.	rarciai
	CTOMORED IN A ABOUNT TOTAL .	<u>I</u>
71'	Partial annuls achieved	
Analysis:	Partial results achieved	

### 249 **1.2.96 MDT-06 – Galaxy Note 3**

Test Case MDT-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408			
Case	MDT-06 Acquire mobile device internal memory by selecting a c	combination of	
Summary:	supported data elements.		
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user Acquire All device data objects acquisition option then the complete the acquisition of all data objects without error. MDT-CA-07 If a mobile device forensic tool provides the user All individual device data objects then the tool shall comple acquisition of all individually selected data objects without MDT-CA-08 If a mobile device forensic tool provides the user ability to Select Individual device data objects for acquisit tool shall acquire each exclusive data object without error. MDT-CA-09 If a mobile device forensic tool completes two conslogical acquisitions of the target device without error then (data objects) on the mobile device shall remain consistent.	with an Select ete the t error. with the tion then the	
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Fri Feb 6 13:05:17 EST 2015		
Device:	GalaxyNote3		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:05:17 EST 2015		
	Acquisition finished: Fri Feb 6 13:19:39 EST 2015		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	
	MDT-CA-07 Select-all mobile device data objects acquisition.	NA	
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected	
Analysis:	Expected results achieved		

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### 251 **1.2.97 MDT-12 – Galaxy Note 3**

Test Case MDT-	Test Case MDT-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-12 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to re-open the case.		
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Fri Feb 6 13:05:34 EST 2015		
Device:	GalaxyNote3		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Loq	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:05:34 EST 2015		
	Acquisition finished: Fri Feb 6 13:19:46 EST 2015		
	Notification of modified device memory data was successful		
Results:			

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

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# 1.2.98 MDT-19 – Galaxy Note 3

Case	MDT-19 Acquire mobile device internal memory and review data containing		
Summary:	non-ASCII characters.		
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Fri Feb 6 13:05:52 EST 2015		
Device:	GalaxyNote3		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Fri Feb 6 13:05:52 EST 2015 Acquisition finished: Fri Feb 6 13:19:52 EST 2015  Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed		
Results:		T	
	Assertion & Expected Result	Actual Result	
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected	
	characters presented in their native format.		
Analysis:	Expected results achieved		

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# 255 **1.2.99 MDT-22 – Galaxy Note 3**

Test Case MDT-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	values for
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	
Asser Crons.	individual data objects then the tool shall present the user with a hash	
	value for each supported data object.	with a hash
	value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:06:11 EST 2015	
Device:	GalaxyNote3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:06:11 EST 2015	
	Acquisition finished: Fri Feb 6 13:19:58 EST 2015	
	Hash values were properly reported for individually acquired	device data
	elements	
Results:		
MODULOD.	Assertion & Expected Result	Actual
		Result
	MDT-AO-15 Hash values for individual data and case	as expected

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
	presented in a useable format.
Analysis:	Expected results achieved

# 257 **1.2.100 MDT-24 – Galaxy Note 3**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:06:28 EST 2015	
Device:	GalaxyNote3	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:06:28 EST 2015	
	Acquisition finished: Fri Feb 6 13:20:06 EST 2015	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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### 259 **1.2.101 MDT-01 – HTC One GSM**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	sertions: MDT-CA-01 If a mobile device forensic tool provides support for		
	connectivity of the target device then the tool shall successfully		
	recognize the target device via all vendor supported inte	rfaces (e.g.,	
	cable, Bluetooth, IrDA).		
Tester Name:	vno.		
Test Host:	rpa		
Test Date:	Fri Feb 6 13:11:36 EST 2015		
Device:	HTCOneGSM		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:11:36 EST 2015		
	Acquisition finished: Fri Feb 6 13:21:20 EST 2015		
	Device connectivity was established via supported interfa	ce	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

#### **1.2.102 MDT-02 – HTC One GSM**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-02 Begin mobile device internal memory acquisition and connectivity by interface disengagement.	interrupt
Assertions:	MDT-CA-02 If connectivity between the mobile device and mo forensic tool is disrupted then the tool shall notify the connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:12:30 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:12:30 EST 2015	
	Acquisition finished: Fri Feb 6 13:21:25 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	
marysts.	DAPCOCCA TODATED ACTIONCA	

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#### **1.2.103 MDT-03 – HTC One GSM**

Test Case MD	I-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisit target device without error then the tool shall have the abil acquired data objects in a useable format via either a previe generated report.	ity to present
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Fri Feb 6 13:12:55 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Loq	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:12:55 EST 2015	
	Acquisition finished: Fri Feb 6 13:21:30 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-03 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

#### 266 **1.2.104 MDT-04 – HTC One GSM**

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:13:15 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Fri Feb 6 13:13:15 EST 2015 Acquisition finished: Fri Feb 6 13:21:36 EST 2015  IMEI was acquired  Notes: MSISDN was not reported.	
Results:	Assertion & Expected Result	Actual
	NDM C3 04 3i-i-i-a of mobile desire subscribes and	Result
	MDT-CA-04 Acquisition of mobile device subscriber and equipment related data in a useable format.	Partial
	equipment retated data in a diseable format.	
Analysis:	Partial results achieved	

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#### 268 **1.2.105 MDT-05 – HTC One GSM**

	T-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Case Summary:	MDT-05 Acquire mobile device internal memory and review supported data elements (i.e., PIM data, call logs, SMS, MMS, stand-alone files: audio, pictures, video, application related data: documents, spreadsheets, presentations, social-media data and Internet related data: bookmarks, visited sites).
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisition of the target device without error then all supported data elements shall be presented in a useable format.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Fri Feb 6 13:13:34 EST 2015
Device:	HTCOneGSM
Source	OS: Mac OS X v10.8.5
Setup:	Interface: cable
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408
Highlights:	Acquisition started: Fri Feb 6 13:13:34 EST 2015
	Acquisition finished: Fri Feb 6 13:21:42 EST 2015
	Regular Length Address Book entries were acquired
	Maximum Length Address Book entries were not acquired
	Special Character Address Book entries were acquired
	Blank Name Address Book entries were acquired
	Email addresses within Address Book entries were acquired
	Embedded graphics within Address Book entries were acquired
	Basic PIM related data was not acquired
	Maximum length PIM related data was not acquired
	Incoming Calls were not acquired
	Outgoing Calls were not acquired
	Missed Calls were not acquired

Test Case MDT	-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
	Date/Time Stamps incorrectly reported for Incoming Calls		
	Date/Time Stamps incorrectly reported for Outgoing Calls		
	Date/Time Stamps incorrectly reported for Missed Calls		
	ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported		
	ALL MMS messages (Audio, Image, Video) were acquired		
	ALL stand-alone data files (Audio, Image, Video) were acquired All application data was acquired	1	
	Internet related data was not acquired		
	Partial Social media related data was acquired		
	<u> </u>		
	Notes:		
	Only the first and last word of Contacts were reported.		
	Calendar and Notes were not reported under the organizer category.  Call logs were not reported.		
	Recoverable deleted text messages were not reported.  Internet related data - bookmarks, visited sites were not reported.		
	Social media related data - facebook and linkedin were not rep	oorted.	
Results:			
	Assertion & Expected Result	Actual	
		Result	
	MDT-CA-05 Acquisition of all mobile device supported data	Partial	
	elements in a useable format.		
Analysis:	Partial results achieved		

### 270 **1.2.106 MDT-06 – HTC One GSM**

Case	<pre>r-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408  MDT-06 Acquire mobile device internal memory by selecting a combine of the co</pre>	::
Summary:	supported data elements.	
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with	
	Acquire All device data objects acquisition option then the tool	shall
	complete the acquisition of all data objects without error.	
	MDT-CA-07 If a mobile device forensic tool provides the user with	
	All individual device data objects then the tool shall complete t	
	acquisition of all individually selected data objects without err	
	MDT-CA-08 If a mobile device forensic tool provides the user with	
	ability to Select Individual device data objects for acquisition	then the
	tool shall acquire each exclusive data object without error.	
	MDT-CA-09 If a mobile device forensic tool completes two consecutive	
	logical acquisitions of the target device without error then the	payload
	(data objects) on the mobile device shall remain consistent.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:13:52 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:13:52 EST 2015	
	Acquisition finished: Fri Feb 6 13:21:48 EST 2015	
	Acquire All acquisition was successful	
Results:		
Results:		ctual
Results:	Re	

Test Case MDT-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
	acquisition.	
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected
Analysis:	Expected results achieved	•

#### 272 **1.2.107 MDT-12 – HTC One GSM**

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	3
Case	MDT-12 After a successful mobile device internal memor	
Summary:	file via third-party means and attempt to re-open the	case.
Assertions: MDT-AO-08 If the case file or individual data objects are modifie		are modified via
	third-party means then the tool shall provide protection	on mechanisms
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:14:13 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:14:13 EST 2015	
	Acquisition finished: Fri Feb 6 13:21:52 EST 2015	
	Notification of modified device memory data was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

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#### 274 **1.2.108 MDT-19 – HTC One GSM**

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-19 Acquire mobile device internal memory and review data containing		
Summary:	non-ASCII characters.		
Assertions:	MDT-AO-13 If the mobile device forensic tool supports displa	y of non-ASCII	
characters then acquired data containing non-ASCII characters should		s should be	
	presented in their native format.		
Tester Name:	rpa		
Test Host:	p644381	·	
Test Date:	Fri Feb 6 13:14:30 EST 2015		
Device:	HTCOneGSM		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:14:30 EST 2015		
	Acquisition finished: Fri Feb 6 13:21:57 EST 2015  Non-ASCII Address book entries were acquired and properly displayed		
	Non-ASCII text messages were acquired and properly displayed	l	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected	

Test Case MDT-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
	characters presented in their native format.	
Analysis:	Expected results achieved	

### 276 **1.2.109 MDT-22 – HTC One GSM**

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review hash valu	es for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	
	individual data objects then the tool shall present the user with	a hash
	value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:14:48 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Fri Feb 6 13:14:48 EST 2015 Acquisition finished: Fri Feb 6 13:22:03 EST 2015  Hash values were properly reported for individually acquired device data elements	
Results:		
	Assertion & Expected Result Ac Res	tual ult
	MDT-AO-15 Hash values for individual data and case as presented in a useable format.	expected
Analusia.	Tunested wegulte askisued	
Analysis:	Expected results achieved	

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#### 278 **1.2.110 MDT-24 – HTC One GSM**

Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:15:07 EST 2015	
Device:	HTCOneGSM	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:15:07 EST 2015 Acquisition finished: Fri Feb 6 13:22:08 EST 2015	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-16 Acquisition of GPS related data presented in a useable format.	as expected

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Analysis:	Expected results achieved

### 280 **1.2.111 MDT-01 – HTC One CDMA**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Fri Feb 6 13:07:11 EST 2015		
Device:	HTCOneCDMA		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Fri Feb 6 13:07:11 EST 2015 Acquisition finished: Fri Feb 6 13:20:15 EST 2015  Device connectivity was established via supported interface  Notes: Save to archive after a successful acquisition did not allow the case file to be saved to the hard-drive. The device acquired has to be opened for analysis then saved the case to the hard-drive.		
Results:	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

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# 282 **1.2.112 MDT-02 – HTC One CDMA**

Test Case MDT	-02 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-02 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	MDT-CA-02 If connectivity between the mobile device and mobile device	
	forensic tool is disrupted then the tool shall notify the user that	
	connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:07:32 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Loq	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:07:32 EST 2015	
	Acquisition finished: Fri Feb 6 13:20:20 EST 2015	
	Device acquisition disruption notification was successful	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-CA-02 Notification of device acquisition disruption.	as expected
Analysis:	Expected results achieved	

#### **1.2.113 MDT-03 – HTC One CDMA**

Test Case MDT	-03 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-03 Acquire mobile device internal memory and review repor	ted data via
Summary:	the preview-pane or generated reports for readability.	
Assertions:	MDT-CA-03 If a mobile device forensic tool completes acquisition of the	
	target device without error then the tool shall have the abil	ity to present
	acquired data objects in a useable format via either a previe	w-pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	p644381	
Test Date:	Fri Feb 6 13:07:56 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:07:56 EST 2015	
	Acquisition finished: Fri Feb 6 13:20:27 EST 2015	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
	-	Result
	MDT-CA-03 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

#### 

#### **1.2.114 MDT-04 – HTC One CDMA**

Test Case MDT	-04 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-04 Acquire mobile device internal memory and review reported subscriber	
Summary:	and equipment related information (e.g., IMSI, IMEI, MEID/ESN, MSISDN).	
Assertions:	MDT-CA-04 If a mobile device forensic tool completes acquisition of the target device without error then subscriber and equipment related	
	information shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:08:15 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:08:15 EST 2015	
	Acquisition finished: Fri Feb 6 13:20:34 EST 2015	
	IMEI, MEID/ESN were acquired	
	Notes:	
	MSISDN was not reported.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-04 Acquisition of mobile device subscriber and	Partial
	equipment related data in a useable format.	
Analysis:	Partial results achieved	

#### 288 **1.2.115 MDT-05 – HTC One CDMA**

Test Case MD	I-05 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case Summary:	MDT-05 Acquire mobile device internal memory and review suppo elements (i.e., PIM data, call logs, SMS, MMS, stand-alone fi pictures, video, application related data: documents, spreads presentations, social-media data and Internet related data: b visited sites).	les: audio, heets, ookmarks,
Assertions:	MDT-CA-05 If a mobile device forensic tool completes acquisit target device without error then all supported data elements presented in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:08:34 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:08:34 EST 2015	
	Acquisition finished: Fri Feb 6 13:20:41 EST 2015	
	Regular Length Address Book entries were acquired	
	Maximum Length Address Book entries were not acquired	
	Special Character Address Book entries were acquired	
	Blank Name Address Book entries were acquired	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were acquired	
	Basic PIM related data was acquired	
	Maximum length PIM related data was not acquired	
	All Call Logs (incoming, outgoing, missed) were acquired	
	All Call Log date/time stamps data were correctly reported	
	ALL text messages (SMS, EMS) were acquired	
	Correct date/time stamps were reported for all text messages	
	Correct status flags were reported for all text messages	
	Sender and Recipient phone numbers associated with text messa	ges were
	correctly reported	
	ALL MMS messages (Audio, Image, Video) were acquired	,
	ALL stand-alone data files (Audio, Image, Video) were acquire	d
	All application data was acquired	
	All Internet related data was acquired	
	All Social media related data was acquired	
	Notes:	
	Only the first and last word of Contacts were reported.	
	Notes were not reported under the organizer category. Recoverable deleted text messages were not reported.	
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-CA-05 Acquisition of all mobile device supported data	Partial
	elements in a useable format.	
Analysis:	Partial results achieved	

#### 291 **1.2.116 MDT-06 – HTC One CDMA**

Test Case MDT	-06 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-06 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	MDT-CA-06 If a mobile device forensic tool provides the user with an Acquire All device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.  MDT-CA-07 If a mobile device forensic tool provides the user with an Select All individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.  MDT-CA-08 If a mobile device forensic tool provides the user with the ability to Select Individual device data objects for acquisition then the tool shall acquire each exclusive data object without error.  MDT-CA-09 If a mobile device forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Fri Feb 6 13:09:00 EST 2015		
Device:	HTCOneCDMA		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Fri Feb 6 13:09:00 EST 2015		
	Acquisition finished: Fri Feb 6 13:20:49 EST 2015		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-06 Acquire-all mobile device data objects acquisition.	as expected	
	MDT-CA-07 Select-all mobile device data objects  acquisition.		
	MDT-CA-08 Select-individual mobile device data objects acquisition.	NA	
	MDT-CA-09 Perform back-to-back acquisitions, check device payload for modifications.	as expected	
Analysis:	Expected results achieved		

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#### 293 **1.2.117 MDT-12 – HTC One CDMA**

Test Case MDT-	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408
Case	MDT-12 After a successful mobile device internal memory, alter the case
Summary:	file via third-party means and attempt to re-open the case.
Assertions:	MDT-AO-08 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	p644381
Test Date:	Fri Feb 6 13:09:19 EST 2015
Device:	HTCOneCDMA
Source	OS: Mac OS X v10.8.5
Setup:	Interface: cable
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408
Highlights:	Acquisition started: Fri Feb 6 13:09:19 EST 2015
	Acquisition finished: Fri Feb 6 13:20:55 EST 2015
	Notification of modified device memory data was successful
Results:	

Test Case MDT	-12 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
	Assertion & Expected Result	Actual Result
	MDT-AO-08 Notification of modified device case data.	as expected
		<u>.</u>
Analysis:	Expected results achieved	

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### 1.2.118 MDT-19 – HTC One CDMA

Test Case MDT	-19 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-19 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	MDT-AO-13 If the mobile device forensic tool supports display of non-ASCII characters then acquired data containing non-ASCII characters should be presented in their native format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:10:05 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Fri Feb 6 13:10:05 EST 2015 Acquisition finished: Fri Feb 6 13:21:03 EST 2015 Non-ASCII Address book entries were acquired and properly displayed	played
Results:		
	Assertion & Expected Result	Actual Result
	MDT-AO-13 Acquisition of data containing non-ASCII	as expected
	characters presented in their native format.	
Analysis:	Expected results achieved	

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#### 297 **1.2.119 MDT-22 – HTC One CDMA**

Test Case MDT-	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-22 Acquire mobile device internal memory and review hash	values for
Summary:	vendor supported data objects.	
Assertions:	MDT-AO-15 If the mobile device forensic tool supports hashing for	
	individual data objects then the tool shall present the user with a hash	
	value for each supported data object.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:10:22 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408	
Highlights:	Acquisition started: Fri Feb 6 13:10:22 EST 2015	
	Acquisition finished: Fri Feb 6 13:21:09 EST 2015	
	Hash values were properly reported for individually acquired elements	device data
Results:		
	Assertion & Expected Result	Actual
		Result
	MDT-AO-15 Hash values for individual data and case	as expected

Test Case MDT	-22 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
	presented in a useable format.	
Analysis:	Expected results achieved	

### 299 **1.2.120 MDT-24 – HTC One CDMA**

Test Case MDT	-24 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	
Case	MDT-24 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates	
Assertions:	MDT-AO-16 If the mobile device forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	p644381	
Test Date:	Fri Feb 6 13:10:40 EST 2015	
Device:	HTCOneCDMA	
Source	OS: Mac OS X v10.8.5	
Setup:	Interface: cable	
Log Highlights:	Created by Oxygen Forensic Suite 2015 v7.0.0.408 Acquisition started: Fri Feb 6 13:10:40 EST 2015 Acquisition finished: Fri Feb 6 13:21:15 EST 2015 GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	MDT-A0-16 Acquisition of GPS related data presented in a useable format.	as expected
Analysis:	Expected results achieved	

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### 301 **1.2.121 MDT-01 – Nexus4**

Test Case MDT	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408		
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for		
	connectivity of the target device then the tool shall successfully		
	recognize the target device via all vendor supported inte	rfaces (e.g.,	
	cable, Bluetooth, IrDA).		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Mon Feb 9 08:46:33 EST 2015		
Device:	Nexus4		
2012001	1,01140 1		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Mon Feb 9 08:46:33 EST 2015		
	Acquisition finished: Mon Feb 9 08:46:40 EST 2015		
	Device Connectivity was not established via supported int	erface	
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	as expected	
Analysis:	Expected results achieved		

# 302 **1.2.122 MDT-01 – BlackBerry Q10**

Test Case MDT-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408			
Case Summary:	MDT-01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Mon Feb 9 07:56:19 EST 2015		
Device:	Blackberry Q10		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Mon Feb 9 07:56:19 EST 2015		
	Acquisition finished: Mon Feb 9 07:56:52 EST 2015		
	Device Connectivity was not established via supported interface		
Results:		T	
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	Not as expected	
Analysis:	Expected results Not achieved		

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# 1.2.123 MDT-01 – BlackBerry Z10

	-01 Oxygen Forensic Suite 2015 analyst version 7.0.0.408	. 1	
Case	MDT-01 Acquire mobile device internal memory over tool-supported interfaces		
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	MDT-CA-01 If a mobile device forensic tool provides support for		
	connectivity of the target device then the tool shall successfully		
	recognize the target device via all vendor supported interfaces (e.g.,		
	cable, Bluetooth, IrDA).		
Tester Name:	rpa		
Test Host:	p644381		
Test Date:	Mon Feb 9 07:56:44 EST 2015		
Device:	Blackberry_Z10		
Source	OS: Mac OS X v10.8.5		
Setup:	Interface: cable		
Log	Created by Oxygen Forensic Suite 2015 v7.0.0.408		
Highlights:	Acquisition started: Mon Feb 9 07:56:44 EST 2015		
	Acquisition finished: Mon Feb 9 07:56:59 EST 2015		
	Device Connectivity was not established via supported interface		
Results:			
	Assertion & Expected Result	Actual Result	
	MDT-CA-01 Device connectivity via supported interfaces.	Not as expected	
Analysis:	Expected results Not achieved		
unations:	Typected results Not delitered		